

Gynandromorphic *Paleacrita vernata*
(Lepidoptera: Geometridae)

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Abstract: Seven specimens of *Paleacrita vernata* Peck, 1795, which have male and female structures combined in single specimens, are described.

A reexamination of *Paleacrita vernata* Peck, 1795 specimens from my collection disclosed seven specimens having both male and female structures. All of these specimens were collected in New Jersey on tree trunks on the dates indicated. Descriptions of these aberrant forms are as follows:

First specimen: Short Hills, March 20, 1945. Abdomen female, antennae male, with short crumpled wings.

Second specimen: Short Hills, March 25, 1950. Abdomen female, antennae male, crumpled primaries only.

Third specimen: Short Hills, March 25, 1950. Abdomen female, antennae male, small stubs of wings.

Fourth specimen: Short Hills, March 28, 1950. Abdomen female, antennae female, wing stubs on left side only, right side normal.

Fifth specimen: Short Hills, April 4, 1950. Abdomen female, antennae female. Primary and secondary on left side fully developed.

Sixth specimen: Short Hills, March 24, 1947. Abdomen female, small wing stub on left and larger crumpled one on right side.

Seventh specimen: Short Hills, March 28, 1950. Abdomen female, antennae male, large wing stubs on both sides.

I am very grateful to Mr. D. C. Ferguson of the Peabody Museum, Yale University, for spending much time analyzing these seven specimens. He dissected the genitalia of the second and fifth specimens, listed above, and found them to have abnormal parts. The genitalia have been retained with the specimens for future study. All seven specimens are now in my collection but will be deposited in the American Museum of Natural History collection.